

## STD-HIV AIDS-2020: Characterizing strategies to optimize Pre-exposure Prophylaxis (PrEP) uptake and retention among key populations (men who have sex with men (MSM) and female sex workers (FSW)) in Cameroon - Iliassou Mfochive Njindam - Johns Hopkins School

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In Cameroon, key populaces (KP) have reliably been demonstrated to be lopsidedly influenced by HIV and the pace of new contamination is fundamentally high among them. In June 2019, Cameroon dispatched PrEP usage through network based associations (CBO) for KP.

Technique: Since June 28<sup>th</sup>, 2019, five CBOs in Yaoundé and Douala have been offering every day oral PrEP to KP. Companion drives screen customers on PrEP with subsequent done from the start visit, one month and like clockwork from that point. PrEP take-up and maintenance were surveyed at 3 and a half year. All through usage, subjective information were gathered to illuminate techniques to improve take-up, maintenance and moderate difficulties.

From June 28<sup>th</sup> to December 31<sup>st</sup>, 2019, 5,779 KP were drawn closer in the network and sharpened on PrEP among whom 980 (17%) [MSM (40%); FSW (60%)] potential PrEP up-and-comers showed up at DIC and screened for HIV hazard conduct. 554 (57%) with high danger conduct and assented, were offered organic testing (HIV, syphilis, hepatitis B and kidney work). 511 (91%) were discovered qualified and offered PrEP of whom 283 (54%) [MSM (64%); FSW (36%)] were started. 186 (66%) [MSM (80%); FSW (20%)] were held on PrEP as of December 31<sup>st</sup>.

PrEP take-up expanded from 53% (208/390) to 82% (75/91) among qualified up-and-comers in June-September and October-December 2019 separately. Three-month maintenance additionally improved from 53% (208/390) to 80% (60/75) in similar periods.

Subjective topics that of developed boundaries included low HIV hazard observation, possible protection from PrEP use in the network, foreseen PrEP-shame because of conflation of PrEP and antiretroviral treatment, inclination for on-request PrEP which isn't broadly endorsed, impression of minimal motivation by PrEP clients to go to their standard arrangements.

Encouragingly, there have been huge enhancements in PrEP take-up and maintenance between progressive quarters of usage. These victories have been ascribed to an expansive

alliance .supporting PrEP execution including the administration, USAID, CBO authority, peer-drives, social influencers, and PrEP clients. Aggregately, this gathering has tended to progressing and developing difficulties continuously in Cameroon by assessing execution information, encouraging upgraded limit of companion prompts use SOPs, and continually adjusting face to face and online PrEP messages to address doubt.

The pre-presentation prophylaxis (PrEP) course is a structure for distinguishing holes in the consideration continuum. It includes a progression of steps that incorporates a clinical assessment for PrEP qualification, starting PrEP, and maintenance in PrEP administrations. The course gives quantifiable benchmarks from which we can assess the usage of PrEP programs and educate the improvement regarding mediations to upgrade commitment. Writing portraying PrEP usage and maintenance in care results in clinical settings are developing. An investigation of patients in an incorporated medical care framework in Northern California announced a sensational expansion popular for PrEP since the program began in 2012 an ongoing report by Chan et al. that analyzed PrEP programs at network facilities in Rhode Island, Mississippi, and Missouri additionally noted high take-up with around 60% of patients held at a half year. Nonetheless, hazard factors for ending PrEP administrations are not surely known and further exploration is expected to describe the means of the course in other clinical settings.

In the HIV treatment writing energizer and unfortunate liquor use are notable difficulties to maintenance in care among men who have intercourse with men (MSM). Energizer use and unfortunate drinking are common among MSM and perceived as two of the main drivers of HIV contamination due to their all-around recorded relationship with condom less sex.